

ITEM #	Quantity	PN	Description	Source	COST
1	1	60700	Tube of solder	ME2011 KIT	NC
2	1	03MB801	Solderless breadboard, 3.3"x2.1"	ME2011 KIT	NC
3	1	270022YL	22 g solid yellow wire, 25 ft.	ME2011 KIT	NC
4	1	2801BST	9V battery snap	ME2011 KIT	NC
5	2	11 TIP 120	Darlington NPN bipolar transistor	ME2011 KIT	NC
6	1	11 2N3904	NPN bipolar transistor, general purpose	ME2011 KIT	NC
7	2	08L53RD	LED, red, 5 mm	ME2011 KIT	NC
8	1	13005-330	Resistor, 330 ohm, 1/4 watt	ME2011 KIT	NC
9	4	13005-1K	Resistor, 1K ohm, 1/4 watt	ME2011 KIT	NC
10	3	13005-10K	Resistor, 10K ohm, 1/4 watt	ME2011 KIT	NC
11	1	17DTS63K	Switch, tactile, membrane style	ME2011 KIT	NC
12	1	2800AK9	9V Alkaline Battery	ME2011 KIT	NC
13	1	1700LM30	Microswitch, lever type	ME2011 KIT	NC
14	1	070PL1351R	Power plug for Arduino board	ME2011 KIT	NC
15	1	29GHM	Gear motor, 12 V	ME2011 KIT	NC
16	1	01ARDUINO	Arduino Uno microcontroller board	ME2011 KIT	NC
17	1	22RCLR12	Relay DPDT, 12V	ME2011 KIT	NC
18	1	N/A	Battery, 12V NiCD	ME2011 KIT	NC
19	1	N/A	Pigtail for battery	ME2011 KIT	NC
20	1	N/A	Solderless breadboard, 6.5" x 2.1"	ME2011 KIT	NC
21	2	6LF22	CVS Alkaline Battery, 9V	CVS	\$5.29
22	1	2730766	Standard Servo	Radio Shack	\$12.95
23	1	7805	5V Fixed Voltage Regulator	Radio Shack	\$1.99
24	1	278-1221	90' UL-Recognized Hookup Wire (22 g)	Radio Shack	\$8.49
25	2	272-1015	47 µF 35V 20% Axial-Lead Electrolytic Capacitor	Radio Shack	\$0.75
26	1	1N4004	Micro 1-Amp Rectifier Diode	Radio Shack	\$0.50
27	1	278-1345	315 Ft Tri-Color Magnet Wire Set	Radio Shack	\$0.99
28	1	NTE 89347	0.047 µF 50V Ceramic Disc Capacitor	Radio Shack	\$0.89
29	1	6143-BA-10	3M Super 88 Electrical Tape, 3/4" X 66'	Menards	\$0.50
30	1	5642014	General Purpose Duct Tape	Menards	\$0.50
31	1	101	WJ Dennis White Closed-Cell Vinyl Foam Tape	Menards	\$0.25
32	1	103153	Weatherstrip 3/8"	Menards	\$0.59
33	1	1049453	1" x 2" x 4' Junk Wood	Menards	\$5.49
34	1	1021002	1" x 6" x 4' Junk Wood	Menards	\$0.49
35	1	1021002	1" x 1" x 4' Junk Wood	Menards	\$0.49
35	1	GP2Y0A21YK0F	Arduino Sharp Infrared Range Sensor + Cable	Amazon.com	\$12.99
36	3	507302B00000G	Heat Sink, one hole, for TO-220	Allied Electronics	\$0.50
37	1	9548	Shepherd 6 in. Lazy-Susan Turntable Square Frame Ball Bearings	Home Depot	\$1.00
38	1	50130	OOK 16-Gauge 25 ft Galvanized Steel Wire	Home Depot	\$0.50
39	4	ZAB201EG-10	Superstrut 90 Degree 2-Hole Angle Bracket	Home Depot	\$1.34
40	1	20302	Galvanized Steel Hanger Strap 3/4" x 10' 24 gauge	Home Depot	\$1.00
41	1	N/A	Pack of Small Steel Paper Clips	Target	\$1.29
42	1	N/A	3/16" x 24" x 24" White Pegboard	Garage	\$0.50